

03500.014088.1

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	
	:	Examiner: K. Berck
TAIKO MOTIO ET AL.)	
	:	Group Art Unit: 2879
Application No.: Division)	
of U.S. Patent Appln.	:	
No. 09/442,994)	
	:	
Filed: Herewith)	
	:	
For: ELECTRON-EMITTING DEVICE,)	
ELECTRON SOURCE USING THE	:	
ELECTRON-EMITTING DEVICES,)	
AND IMAGE-FORMING	:	
APPARATUS USING THE)	
ELECTRON SOURCE	:	March 1, 2002

Commissioner of Patents
Washington, D.C. 20231

PRELIMINARY AMENDMENT
AND
INFORMATION DISCLOSURE STATEMENT

Sir:

Preliminary to examination, please amend the above-identified divisional application, filed herewith, as follows:

IN THE SPECIFICATION

At page 1, on a separate line appearing immediately after the title, insert:

--This application is a division of Application No. 09/442,994, filed

November 19, 1999.--.

IN THE CLAIMS

Please cancel Claims 2-12 without prejudice or disclaimer of subject matter.

REMARKS

The specification has been amended to refer to the parent application, in accordance with 37 C.F.R. § 1.78.

Claims 2-16 have been canceled without prejudice or disclaimer of subject matter; only Claim 1 is pending.

Applicants presently intend to file a supplemental preliminary amendment in this case shortly. Should the Examiner take this case up for action before receiving the supplemental preliminary amendment, it is respectfully requested that the Examiner contact the undersigned attorney.

Applicants hereby claim priority under 35 U.S.C. § 119 based upon the following Japanese Priority Applications:

10-348232 filed December 8, 1998

10-348438 filed December 8, 1998

11-319290 filed November 10, 1999.

Certified copies of the priority documents were submitted in the parent application. Acknowledgment of this claim and of receipt of those certified copies is respectfully requested.

INFORMATION DISCLOSURE STATEMENT

Pursuant to MPEP § 609, Applicants understand that the Examiner will, as part of his examination of this application, consider the art of record in the parent application. A Form PTO-1449 is enclosed, citing art of record in the parent application.

The Examiner's attention is also directed to the following U.S. applications:

<u>APPLICATION NO.</u>	<u>FILING DATE</u>	<u>GROUP ART UNIT</u>
08/418,093	4/6/95	2861
08/781,206	1/10/97	2879
09/143,388	8/28/98	2879
09/153,883	9/16/98	2879
09/191,342	11/13/98	2879
09/332,100	6/14/94	2821
09/332,101	6/14/99	2875
09/333,523	6/15/99	2875
09/435,818	11/8/99	2875
09/440,535	11/16/99	2879
09/443,308	11/19/99	2879
09/633,152	8/4/00	2879

A copy of each cited application is enclosed.

The following cited U.S. Patents issued from the corresponding following U.S. patent applications, of record in the parent application:

6,129,602 issued from Application No. 09/468,940
 6,147,449 issued from Application No. 08/508,906
 6,169,356 issued from Application No. 08/264,497
 6,171,162 issued from Application No. 09/413,322
 6,179,678 issued from Application No. 09/244,164
 6,184,610 issued from Application No. 08/690,964
 6,221,426 issued from Application No. 08/774,009
 6,231,413 issued from Application No. 09/404,833
 6,246,168 issued from Application No. 08/508,931
 6,259,191 issued from Application No. 09/437,746

6,334,803 issued from Application No. 08/846,187
6,344,711 issued from Application No. 09/513,841

One copy of each of the these patents also is enclosed herewith, since those patents were not of record in the parent application.

Copies of the remaining documents cited on the enclosed Form PTO-1449, and copies of any Abstracts and/or English translations which may correspond to those documents, and which are of record in the parent application, should be available in the parent application.¹ Should the Examiner need any additional copies, however, such will gladly be supplied upon request.

It is respectfully requested that the above information be considered by the Examiner and that a copy of the enclosed Form PTO-1449 be initialed and returned indicating that such information has been considered.

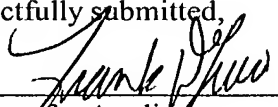
CONCLUSION

Applicants respectfully request favorable consideration and early passage to issue of the present application.

¹/ The Examiner also is referred to a copy of an August 9, 2000 E.P.O. Search Report, and a copy of an April 5, 2000 Communication from a foreign patent office in a counterpart foreign application, of record in the parent application. The E.P.O. Search report and April 5, 2000 Communication cite some of the documents listed on the enclosed Form PTO-1449.

Applicants' undersigned attorney may be reached in our New York office by telephone at (212) 218-2100. All correspondence should continue to be directed to our below listed address.

Respectfully submitted,



Attorney for Applicants

Registration No. 42,476

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
Facsimile: (212) 218-2200
242103v1

FORM PTO 1449 (modified)

U. S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)

ATTY DOCKET NO.

03500.014088.1

APPLICATION NO.

NYA

APPLICANT

TAIKO MOTIO ET AL.

FILING DATE

FILED HEREWITH

GROUP

2879

U. S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		6,008,569	12/99	Yamanobe	313	310	
		6,005,334	12/99	Mitome et al.	313	309	
		6,129,602	10/00	Yamanobe	445	24	
		6,147,449	11/00	Iwasaki et al.	313	495	
		6,169,356	1/01	Ohnishi et al.	313	495	
		6,171,162	1/01	Iwasaki et al.	445	6	
		6,179,678	1/01	Kishi et al.	445	24	
		6,184,610	2/01	Shibata et al.	313	309	
		6,221,426	4/01	Yamanobe	427	77	
		6,231,413	5/01	Tsukamoto	445	24	
		6,246,168	6/01	Kishi et al.	313	495	
		6,259,191	7/01	Mitome et al.	313	310	
		6,334,803	1/02	Shibata	445	51	
		6,344,711	2/02	Ohnishi et al.	313	495	
		5,986,389	11/99	Tsukamoto	313	310	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
		0901144	3/99	EPO			English
		0701265	3/96	EPO			English
		07065703	3/95	Japan			Abstract
		2836015	10/98	Japan			Abstract

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy form with next communication to applicant.

Sheet 1 of 3

FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)				ATTY DOCKET NO. 03500.014088.1		APPLICATION NO NYA	
				APPLICANT TAIKO MOTIO ET AL.			
				FILING DATE FILED HEREWITH		GROUP 2879	
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
		2903295	3/99	Japan			Abstract
		7-235255	9/95	Japan			Abstract
		9-102267	4/97	Japan			Abstract
		8-273523	10/96	Japan			Abstract
		8-102247	4/96	Japan			Abstract
		8-7749	1/96	Japan			Abstract
		0 725 413 A1	8/96	EPO			
		0 757 371 A2	2/97	EPO			
		8-321254	12/96	Japan			Abstract
		9-120067	5/97	Japan			Abstract
		11-144605	5/99	Japan			Abstract
		3-46729	2/91	Japan			Yes
		0 701 265 B1	7/99	EPO			
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc)							
		C.A. Mead, "Operation of Tunnel-Emission Devices", Journal of Applied Physics, April 1961, pp. 646-652					
		M.E. Elinson et al., "The Emission of Hot Electrons and the Field Emission of Electrons From Tin Oxide", Radio Engineering and Electronic Physics, July 1965, pp. 1290-1296					
EXAMINER				DATE CONSIDERED			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy form with next communication to applicant.

FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)		ATTY DOCKET NO. 03500.014088.1		APPLICATION NO NYA			
		APPLICANT TAIKO MOTIO ET AL.					
		FILING DATE FILED HEREWITH		GROUP 2879			
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)							
		H. Araki, "Electroforming and Electron Emission of Carbon Thin Films", Journal of the Vacuum, Society of Japan, 1983, pp. 22-29 (with English Abstract on page 22)					
		G. Dittmer, "Electrical Conduction and Electron Emission of Discontinuous Thin Films", Thin Solid Films, 9 1972, pp. 317-238					
EXAMINER				DATE CONSIDERED			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of form with next communication to applicant